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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hansen, et al. Examiner: Nguyen  
Serial No.: 10/076,363 Art Unit: 2877  
Filing Date: February 15, 2002  
Title: SYSTEM FOR AXIAL PATTERN ANALYSIS OF  
MULTICELLULAR ORGANISMS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

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Susan M. Dinsmore

Sir:

**OFFICE ACTION RESPONSE UNDER 37 C.F.R. § 1.116**

This Response to Office Action is filed in response to the Final Office Action mailed August 8, 2005, objecting to claims 7-10 and rejecting claims 1-6 and 11-14. The cited reference is U.S. Patent No. 6,400,453 (hereinafter, "Hansen"). Applicant thanks Examiner Nguyen and Supervisor Toatley for granting Applicant telephone interviews, respectively. Applicant respectfully submits that, as discussed with Supervisor Toatley, the following remarks remove all grounds for rejection of the application, thereby placing it in condition for allowance.